TPJ

500.43579X00
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

M. TERAO et al

Application No.:

10/790,881

Filed:

March 3, 2004

For:

MEMORY DEVICE

Art Unit:

2815

Examiner:

J. JACKSON Jr.

## <u>INFORMATION DISCLOSURE STATEMENT</u> <u>UNDER 37 CFR §§ 1.97 & 1.98</u>

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 February 14, 2004

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents listed in the attached form PTO/SB/08A for the Examiner's consideration.

This Information Disclosure Statement is being submitted before the mailing date of either a final action or a notice of allowance and is accompanied by the following certification specified in 37 CFR §1.97(e)

On information and belief, I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

To the extent the documents listed on the attached form PTO/SB/08A are not in the English language, the requirement of 37 CFR §1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or

translation of the foreign patent office report citing the documents.

It is respectfully requested that this Information Disclosure Statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (500.43579X00) and, please credit any excess fees to such deposit account.

Respectfully submitted,
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PTO/SB/08A (08-03)

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Attorney Docket Number

U.S. PATENT DOCUMENTS						
Examiner Initials'	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2003/003634	A1	01-02-2003	Lowrey Tyler et al	
		US- 5,335,219		08-02-1994	Ovshinsky et al	
		US- 5,406,509		04-11-1995	Ovshinsky et al	
		US-				
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		FOREIG	N PATENT DO	CUMENTS		
Examiner Initials'	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
		EP 0335469	10-04-1989	HITACHI, Ltd.		

Examiner	 Date	
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Examiner Initials*	Cite No.	NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),	T <sup>2</sup>
		publisher, city and/or country where published.  BERNACKI S. et al, "Total Dose Radiation Response and High Temperature Imprint Characteristics of Chalcogenide Based RAM Resistor Elements," IEEE TRANSACTIONS ON NUCLEAR SCIENCE, Vol. 47, No. 6, 6 Dec. 2000 (pages 2528-2533), XP002358166.	
		MAIMON Jr., et al, "Chalcogenide-based Non-Volatile Memory Technology<1>," AEROSPACE CONF., IEEE PROCEEDINGS. MAR. 10-17, 2001, Piscataway, NJ, USA, IEEE, Vol. 5, 10 March 2001, pages 2289-2294, XP010548238 ISBN: 0-7803-6599-2.	
		CHONG T.C., et al, "Superlattice-like Structure for Phase Change Optical Recording," JOURNAL OF APPLIED PHYSICS, AMERICAN INSTITUTE OF PHYSICS, N.Y., Vol. 91, No. 7, 1 April 2002, pages 3981-3987, XP012056054 ISSN: 0021-8979.	

Signature

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